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File: PGPB

Mar 31, 2005

DOCUMENT-IDENTIFIER: US 20050071532 A1

TITLE: Method and apparatus for implementing resilient connectivity in a Serial Attached SCSI (SAS) domain

CLAIMS:

1. A method for implementing resilient connectivity in a Serial Attached SCSI (SAS) domain comprising the steps of: connecting a first edge expander to a first port of a plurality of SAS devices for enabling communications between each of said plurality of SAS devices through said first edge expander; connecting a second edge expander to a second port of said plurality of SAS devices for enabling communications between each of said plurality of SAS devices through said second edge expander; and connecting together a subtractive routing port of each of said first edge expander and said second edge expander for enabling communications between each of said plurality of SAS devices via said first ports and said second ports of said plurality of SAS devices.

2. A method for implementing resilient connectivity in a Serial Attached SCSI (SAS) domain as recited in claim 1 wherein the step of connecting said first edge expander includes the step of connecting respective direct routing ports of said first edge expander to said first port of said plurality of SAS devices; and wherein the step of connecting said second edge expander includes the step of connecting respective direct routing ports of said second edge expander to said second ports of said plurality of SAS devices.

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